Loops Solutions

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New forms of begin() and end()

- Write out a program with a loop that prints out the characters in a string using
  - Iterators
  - Const iterators
  - Reverse iterators
  - Const reverse iterators

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Global begin() and end()

- Write a program that uses global begin() and end() to print out the elements of an array

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Range for loops

- Write a program that uses a range for loop to print out the elements of a vector
- Add another range for loop that adds 2 to the value of each element
- Print out the elements of the vector again. Check that the elements have been correctly modified

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When to use range for loops

- Give some examples where a range for loop would not be suitable
  - A loop which only iterates over part of a container
  - A loop which misses out some elements
  - A loop which adds or removes elements
- Write a loop which removes elements from a vector if they have odd values
- Write a program to test your loop. It should print out the elements of the vector before and after the loop

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